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No. 30] NEW DELHI, SATURDAY, JULY 25, 1998 (SHRAVANA 3, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 25th July 1998

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Telegraphic address "PATENTOFIC"
Ph. No. 578 2532 Fax No. 011-5766204.

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Pondicherry and the Union
Territories of Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIC".
Ph. No. 490 1495 Fax No. 044-4901492.

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
Ph. No. 247 4401 Fax 033-2473851.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 25 जुलाई 1998

पेटेंट कार्यालय के कार्यालयों के पक्ष एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडो स्ट्रैट,
लीसरा तल, बाजार परतल (प.),
मम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-“पेटेंटॉफिस”

फोन 4925092 फैक्स : 0224951622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, लीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, कराल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्री एवं संघ शासित क्षेत्र संबन्धीय ।

तार पता-“पेटेंटॉफिस”

फोन : 5782532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,

चिंग सी (सी-4, ए)

लीसरा तल, राजाजी भवन बसन्त नगर,

चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिदिब द्वीप ।

तार पता-“पेटेंटॉफिस”

फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुमंजरीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अग्रणी क्षेत्र ।

तार पता -“पेटेंट्स”

फोन : 2474401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीकृत सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित
बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा
की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20.

The dates shown in the crecent bracket are the dates
claimed under section 135, under Patent Act, 1970.

01-06-1998

966/Cal/98. Krishnendu Acharya & Rupa Acharya, "Produc-
tion and purification of acid phosphatase from
chloridium Sp. by submerged fermentation".

967/Cal/98. Sri Amitabha Roy, "A device for the process of
producing non-stop regenerating domestic hydro-
electric power plant".

968/Cal/98. Alok Ranjan Koley, "Foamy shaving cream ap-
plicator".

969/Cal/98. Noise Cancellation Technologies, Inc., "Loud-
speaker assembly". (Convention No. 08/878,696
on 19-6-97 in U.S.A.).

970/Cal/98. Fujitsu General Limited, "Air Conditioner".
(Convention No. 9-163837 on 20-6-97 & 9-369613
on 29-12-97 in Japan).

971/Cal/98. Rolf Seljelid, "New carbohydrates and use there-
of". (Convention No. 9702173 7 on 6-6-97 in
Sweden).

972/Cal/98. Dainichiseika Color & Chemicals Mfg. Co. Ltd.,
"Production process of colored fine particulate
composition and colored fine particulate composi-
tion produced by the process". (Convention No.
162020/1997 on 5-6-97 in Japan).

973/Cal/98. Laporte Industries Ltd, "Preparation of vinyl
isothiocyanates". (Convention No. 9712409.3 on
14-6-97 in U.K.).

974/Cal/98. Siemens Aktiengesellschaft, "Filter for filtering
out spectral ranges, and an optical system for
combustion analysis". (Convention No. 19723234.
5 on 3-6-1997 in Germany).

975/Cal/98. Siemens Aktiengesellschaft, "Method for autho-
rization checking and an arrangement for carrying
out this method". (Convention No. 19725444.6
on 16-6-97 in Germany).

02-06-1997

976/Cal/98. Beloit Technologies, Inc., "Method of producing
kraft pulps with improved bleachability and runa-
bility". (Convention No. 872.818 on 11-6-97 in
U.S.A.).

977/Cal/98. Delaroy SDN BHD, "Tube end closure". (Con-
vention No. 328099 on 16-6-97 in New Zealand).

978/Cal/98. Eli Lilly and Company, "Stable insulin formulations". (Convention No. 60,053,089 on 13-6-97 in U.S.A.).

979/Cal/98. Hindustan Lever Ltd., "A process for the interestification of mono-, DI OR triglycerides". (Divided out of No. 1166/Cal/96 antedated to 24-6-96).

980/Cal/98. Ramendra Lal Mukherjee, "Micro Microscope".

03-06-1998

981/Cal/98. Rajan G. Rajan & Mathu G. Rajan, "Water treatment apparatus". (Convention No. 08/861,910 on 3-6-97 in U.S.A.).

982/Cal/98. ABB Power T & D Co. Inc., "RF repeater for automatic meter reading system". (Convention No. 08/870,640 on 6-6-97 in U.S.A.).

983/Cal/98. Ethicon, Inc., "Monitoring of cleaning process". (Convention No. 60,049,351 on 11-6-97 & Nil on 11-5-98 in U.S.A.).

984/Cal/98. Celanese Acetate LLC, "Cellulose ester wound dressing". (Convention No. 08/886,749 on 1-7-97 in USA).

04-06-1998

985/Cal/98. Dr. Mridul KR. Sahni, "(Sahni effect) Transmission of drug energy from a distance".

986/Cal/98. OMEC S.P.A., "Telescopic extension for a household appliance and method for assembling thereof". (Convention No. M197 A 001364 on 10-6-97 in Italy).

987/Cal/98. Venantius Ltd., "Process for production of indane compounds". (Convention No. 970421 on 5-6-97 in Ireland).

988/Cal/98. Venantius Limited, "Process for preparation of indane compounds". (Convention No. 970422 on 5-6-97 in Ireland).

989/Cal/98. Synthelabo, "5-Naphthalene-1-yl-1, 3-dioxane derivatives, their preparation and their therapeutic application". (Convention No. 9706944 on 5-6-97; 9706945 on 5-6-97; 9706946 on 5-6-97 and 9706947 on 5-6-97 in France).

990/Cal/98. Venantius Limited, "Novel compounds". (Convention No. 970422 on 5-6-97 in Ireland).

991/Cal/98. Venantius Limited, "Compounds". (Convention No. 970421 on 5-6-97 in Ireland).

992/Cal/98. Nalco Chemical Company, "Solid-State fluorometer and methods of use therefore". (Convention No. 08/873,046 on 11-6-97; 08/877,452 on 17-6-97 and Nil on 28-5-98 in U.S.A.).

993/Cal/98. Eaton Corporation, "Clutch adjustment determination". (Convention No. 871,727 on 9-6-97 in U.S.A.).

994/Cal/98. Johnson & Johnson Medical Inc., "Self-Contained biological indicator". (Divided out of No. 600/Cal/94 antedated to 27-7-94).

995/Cal/98. Sterling Chemicals International, Inc., "Antistatic fibers and methods for making the same". (Convention No. 08/869,081 on 4-6-97 in U.S.A.).

05-06-1998

996/Cal/98. Montell Technology Company, "Components & catalysts for the polymerization of olefins". (Convention No. M197A001350 on 9-6-97 in Italy).

997/Cal/98. Montell Technology Company, "Components & catalysts for the polymerization of olefins". (Convention No. M197A001348 on 9-6-97 in Italy).

998/Cal/98. Montell Technology Company, "Components & catalysts for the polymerization of olefins". (Convention No. M197A001349 on 9-6-97 in Italy).

999/Cal/98. Ashton Group Ltd., "Package and packaging method". (Convention No. 328027 on 5-6-97 in New Zealand).

1000/Cal/98. 1. The University of Queensland, 2. Commonwealth Scientific and Industrial Research Organisation, 3. BHP Coal Pty. Ltd., "An erectable ARM assembly for use in boreholes". (Convention No. P07264 on 6-6-97 in Australia).

1001/Cal/98. Samsung Electronics Co. Ltd., "ATM switching system supporting N-ISDN traffic and method for controlling the same". (Convention No. 24034/1997 on 11-6-97 in Korea).

ALTERATION OF DATE UNDER SECTION-16.

181627

Patent No (456/Mas,95) Ante-dated to 31st July, 1991.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बंध आवेदन में से किसी पर पेटेंट जगुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्य को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज।

उक्त सूचना के साथ अध्यापक नियम, 1972 के नियम 38 में तथा विहित इसकी तिथि के एक महीने के भीतर ही काइस किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

स्पाइन (चित्र आरेखों) की फोटो प्रतिमां यदि कोई हो, के साथ विनिर्देशों का अंकित अध्यापक फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अध्यापक उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उन्हें 2 से गुणा करके, (वर्षाविक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पना किया जा सकता है।

Cl. : 68 B

181601

Int. Cl. : H 02 G 15/00.

AN ELECTRICAL BUS DISTRIBUTOR ASSEMBLY AND AN ELECTRICAL DISTRIBUTION SYSTEM INCORPORATING THE SAME.

Applicant : MASS INTERNATIONAL PTY LTD., OF 170 QUEEN STREET WOOLLAHRA NSW 2025 AUSTRALIA.

Inventor : LEE ANDREW DRURY.

Application No. 569/Cal/1994 filed on 18th July, 1994.

(Convention No. PM0036 on 20-7-93 and PM4743 on 24-3-94 in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

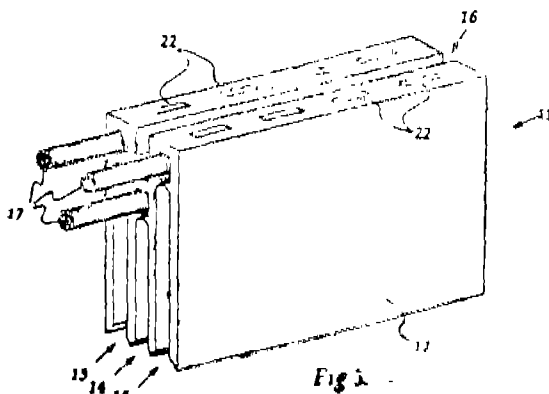
11 Claims

An electrical bus distributor assembly comprising an elongate flexible insulated housing;

a longitudinally extending slot in the housing;

an elongate flexible conductor assembly located in the slot, said conductor assembly comprising a coiled hollow conductor; and

fastening means comprising a portion of said insulated housing extending within said coiled hollow conductor for fastening said coiled hollow conductor in said slot.



(Compl. Specn. 17 pages;

Drgns. 10 sheets.)

Ind. Cl. : 32 F 3
40B

181602

Int. Cl. : B 01 J 31/04
C 07 C41/02.

"PROCESS FOR THE PREPARATION OF ALKOXYLATES USING ESTER COMPOUNDS AS CATALYST."

Applicant : HOECHST AKTIENGESellschaft, OF D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors :

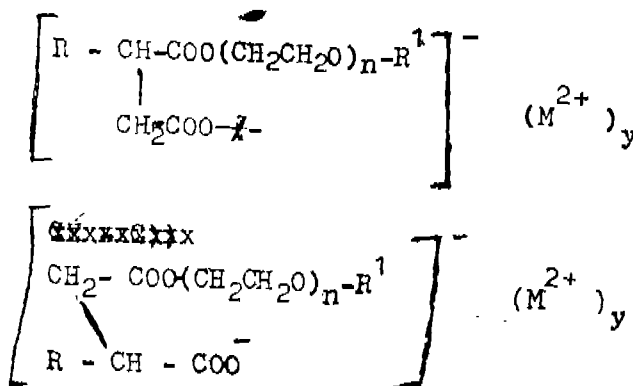
- (1) DETLEF WEHLE
- (2) GERNOT KREMER
- (3) IGNAZ WIMMER

Application No. 846/Cal/1994 filed on 17th October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

9 Claims

A process for the preparation of alkoxyates by alkoxyating compounds containing at least one active hydrogen atom such as herein described in the presence of a salt of a succinic monoester as catalyst, in a quantity of from 0.1 to 5% by weight which comprises carrying out the alkoxylation with an alkoxyating agent such as herein described, at least one alkaline earth metal salt of an alkyl- or alkenyl succinic monoester of the formula (I) and (II) below



in which

R is C₈ to C₃₀ alkyl or C₈ to C₃₀ alkenyl,

n is a number from 0 to 6,

R¹ is C₁ to C₁₈ alkyl or C₃ to C₁₈ alkenyl or hydrogen, if n is 1 or 1,

M is Ba, Ca or Sr, and

Y is a number from 0.9 to 1.8.

Compl. Specn : 15 pages

Drgns : Nil

Cl. : 129 Q

181603

Int. Cl. : F 16 B 5/08.

WELD AREA ENCLOSURE.

Applicant : HARNISCHFEGGER CORPORATION, OF 13400 BISHOPS LANE, BROOKFIELD, WISCONSIN 53005 UNITED STATES OF AMERICA.

Inventors :

1. LYLE PARKER GUNNELL.
2. ROGER ALFRED HFIN.
3. CARL ALLEN SOCZKA.

Application No. 914/Cal/1994 filed on 2nd November, 1994.

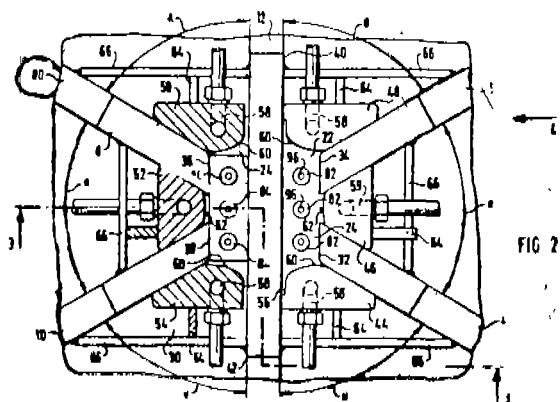
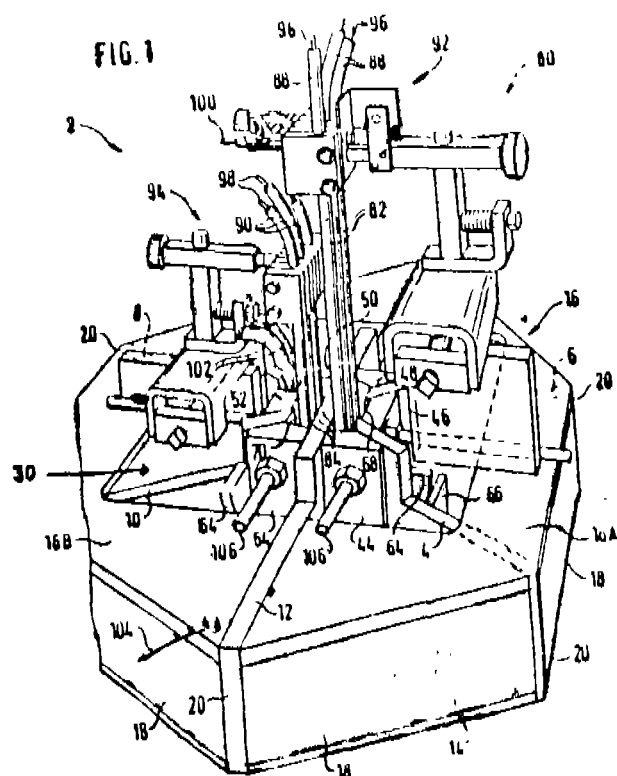
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

6 Claims

A weld area enclosure for use in forming a weld joint between a plurality of adjacent spaced apart metal plates positioned angularly to each other, at least a first one of the plurality of plates being at an acute angle relative to a second adjacent plate, characterised by;

a third one of the plurality of plates extending along a straight line continuously through the weld area and the first and second plates being each at an acute angle relative to the third plate; and

a dam member located in the space between each adjacent two plates, the dam member between the first and second plates having a concave contour surface viewed in a direction toward the weld area enclosure whereby a stress inducing sharp corner in the weld joint is minimized.



(Compl. Specn. 12 pages;

Drngs. Nil.)

Cl. : 185 B, E.

181604

Int. Cl. : A 23 F 2/08.

AN IMPROVED MACHINE FOR CONTINUOUS TEA FERMENTATION.

Applicant : STEELSWORTH LIMITED, OF TINSUKIA-786125 ASSAM, INDIA.

Inventor : MANGALORE PRABAKAR PRABHU.

Application No. 131/Cal/1993 filed on 4th March, 1993.

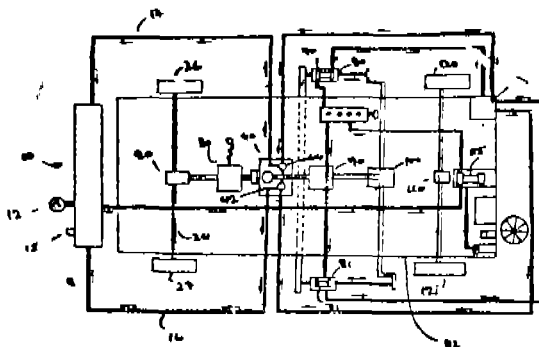
(Post dated on 4th September, 1993).

(Complete specification left after provisional on 29-11-1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

9 Claims

An improved machine for continuous tea fermentation comprising a stainless steel perforated endless conveyor belt running over drive and driven pulley assemblies, said drive pulley assembly being provided with variable speed drive means, a feed hopper for processed CTC or orthodox tea, one or more spreaders adapted to spread the tea mass across the width of the conveyor belt and to regulate the spread thickness of the tea mass, one or more leaf mixers located above said conveyor belt for thoroughly mixing the tea mass, said conveyor belt being provided with spill guards on either side to avoid spillage and plenum chambers housing air flow regulating dampers connected to air supply ducts which being provided for the supply of air for fermenting the tea mass.



(Compl. Specn. 15 pages;

Drngs. 1 sheet.)

(Provl. Specn. 13 pages;

Drngs. 8 sheets.)

Cl. : 134 B & D

181605

163 A & D

5-A-2.

Int. Cl. : F 01 B 3/00.

NOVEL PNEUMATIC ENGINE FOR DRIVING AUTOMOBILES AND OTHER LIKE VEHICLES.

Applicant & Inventor : REMY LINUS, OF LATONAH MISSION, P. O. LATONAH, VIA TRIBENIGANT, DISTT. SUPAUL (BIHAR) PIN-852139, INDIA.

Application No. 139/Cal/1994 filed on 8th March, 1994.

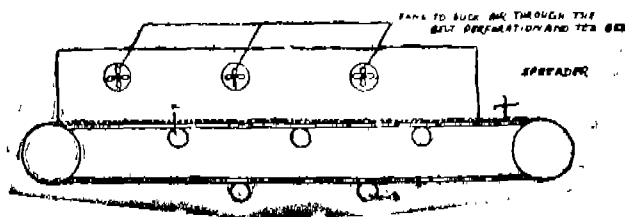
(Complete specification left after provisional on 7th June, 1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

7 Claims

A novel pneumatic engine for driving automobiles and other like vehicles essentially comprising a rear assembly and a front assembly, said two assemblies being connected through a pipeline for passage of compressed air from main

air reservoir through said rear assembly to said front assembly for the operation of the engine said rear assembly comprises a main air tank (10) to hold atmospheric air a power source (DC Battery) maintaining 12 volte and being provided with a pressure meter (12) adapted to monitor the pressure in said air tank and a safety valve (15) for controlling the air pressure within the main air tank, said rear assembly further comprises a rear differential (20), said rear differential accommodates a crown and a tail fitted onto a shaft (24) for holding the rear wheels (26, 27) of the automobiles which being connected through a gear box (30) to a fly-wheel or compressor box (50); said front assembly comprises a small air tank (60) which supplies air to said main air tank through a pair of compressors (42, 44) located in said fly-wheel box (50) connecting said rear assembly to said front assembly, said front assembly being provided a pair of pistons (70, 71) located within respective housings (80, 81) and connected to each other through an assembly (90) which connects said compressor box (50) and a crank differential (100) to operate the engine, the front assembly further comprises a front differential (110) fitted to chassis (112) for holding a shaft (115) connected to a pair of front wheels (120, 121), an accelerator piston (135) being housed within an assembly (140) and connected to an accelerator box (155), the front assembly being further provided with means for the passage of air from the accelerator piston housing to actuate the pistons to run the automobile, where the supply of compressed air being utilized through the connector.



(Compl. Specn. 15 pages;

Drgns. 1 sheet.)

(Provl. Specn. 9 pages;

Drgs. 1 sheet.)

Cl. : 32 E

181606

Int. Cl. : C 08 L 23/16

C 08 F 10/06, 210/06, 4/64.

A PROCESS FOR THE PREPARATION OF A COPOLYMER OF ETHYLENE WITH PROPYLENE.

Applicant : MONTELL TECHNOLOGY COMPANY BV., OF HOEKSTEEN 66, 2132 MS HOOFFDROOP, THE NETHERLANDS.

Inventors :

1. MAURIZIO GALIMBERTI.
2. LUIGI RESCONI.
3. ENRICO ALBIZZATI.

Application No. 309/Cal/1994 filed on 28th April, 1994.

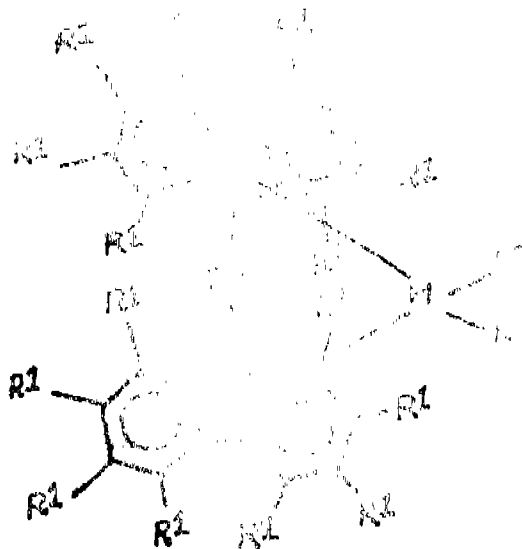
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

2 Claims

A process for the preparation of a copolymer of ethylene with propylene, having a content of units deriving from ethylene comprised between 35% and 85% by mole a content of units deriving from propylene comprised between 10% and 60% by mole, and a content of units deriving from polyenes comprised between 0 to 5% by mole, said process comprising the polymerisation reaction in liquid or gas-phase, at a temperature ranging from 0°C to 150°C, of mixtures of ethylene,

propylene and optionally one or more polyenes, in the presence of a catalyst obtainable by contracting the following components :

(A) a metallocene compound of formula (I) :



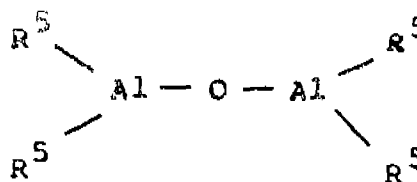
wherein substituents R^1 , the same or different from each other, are hydrogen atoms, C_1-C_{20} alkyl radicals, C_3-C_{20} cycloalkyl radicals, C_7-C_{20} alkenyl radicals, C_6-C_{20} aryl radicals, C_7-C_{20} alkylaryl radicals, or C_7-C_{20} arylalkyl radicals, optionally two adjacent substituents R^1 can form a cycle comprising 5 to 8 carbon atoms and, furthermore, substituents R^1 can contain Si or Ge atoms;

M is Ti, Zr or Hf;

substituents R^2 , the same or different from each other, are halogen atoms, $-OH$, $-SH$, R^1 , OR^1 , $-SR^1$, $-NR^1_2$ or PR^1_2 , wherein R^1 is defined as above;

the group R^3 is selected from $>CR^1_2$, $>SiR^1_2$, $>GeR^1_2$, $>NR^1$ or $>PR^1$, wherein R^1 is defined as above and optionally, when R^3 is $>CR^1_2$, $>SiR^1_2$ or $>GeR^1_2$, both substituents R^1 can form a cycle comprising from 3 to 8 atoms and

(B) an alumoxane containing at least one group of the type :



where in substituents R^5 , the same or different from each other, are R^6 or a group $-O-Al(R^6)_2$, and optionally some R^5 can be halogen or hydrogen atoms; or

one or more compounds of formula $Y+Z^-$, wherein $Y+$ is a Brønsted acid, able to give a proton and to react irreversibly with a substituent R^4 of the metallocene of formula (I), and Z^- is a non-coordinating compatible anion.

(Compl. Specn. 23 Pages;

Drgns. 1 Sheet)

Ind. Cl. : 128 F+G+H

181607

Int. Cl. : A 61 F 5/00 5/46 5/47

METHOD FOR MAKING AN INTRAVAGINAL DELIVERY SYSTEM FOR DELIVERING ONE OR MORE THERAPEUTIC AGENTS INTO THE VAGINA.

Applicant : LEIRAS OY, OF PANSIONTIP 45-47 FIN-20210 TRUKU FINLAND

Inventors :

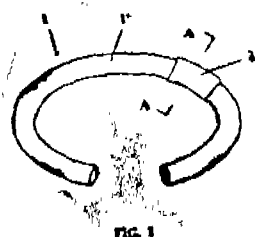
- (1) MATTI HEHTINEN,
- (2) CHRISTINE TALLING.

Application No. 452/Cal/1994 filed on 14th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

11 Claims

A method for making an intravaginal delivery system for delivering one or more therapeutic active agents, such as herein described, into the vagina, said system being constituted by flexible support means and a delivery means carried by the support means and containing at least one said active agent, said method comprising the steps of forming the support means (1) in the form of an open ring-shaped core member (1'); enlarging the diameter of at least one sleeve like body (2) made of polymer and containing said active agent; and mounting the sleeve-like body onto the core member to encircle the core member, whereby the body tightens on the core member and forms said delivery means for the active agent; and, wherein, optionally, a material substantially preventing migration of the active agent from the body (2) into the core member (1) is inserted between the inner surface of the body and the core member.



(Compl. Specn. : 15 Pages;

Drgn. : 1 Sheet)

Ind. Cl. : 140 A 2

181608

Int. Cl. : C 10 M 173/00

SULFURIZED AQUEOUS MACHINING FLUID COMPOSITION.

Applicant : CINCINNATI MILACRON INC., OF 4701 MARBURG AVENUE, CINCINNATI, OHIO 45209 UNITED STATES OF AMERICA.

Inventors :

- (1) MARK K. KRUEGER,
- (2) JERRY P. BYERS,
3. HENRY TURCHIN.

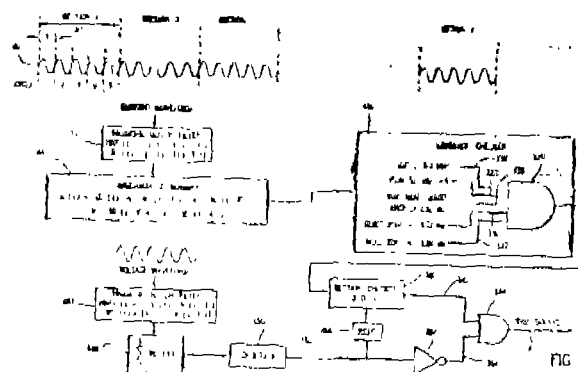
Application No. 461/Cal/1994 filed on 17th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

27 Claims

An aqueous machining fluid composition comprising (a) water; (b) about 0.01 to about 30% of sulfurized organic material selected from the group consisting of sulfurized unsaturated aliphatic carboxylic acids having from 6 to 22 carbon atoms and salts thereof, sulfurized unsaturated

esters of aliphatic carboxylic acids having from 1 to 22 carbon atoms, sulfurized polymerized unsaturated fatty acids and salts and esters thereof, and mixtures thereof, (c) about 0.01 to about 50% of sulfurized hydrocarbon and (d) about 0.01 to about 30% of aliphatic ester of a dialkyldithiocarbamic acid.



(Compl. Specn. : 36 Pages;

Drgns. : Nil)

Ind. Cl. : 65 A

181609

Int. Cl. : H 01 R 39/46

APPARATUS FOR DETECTING ARCS IN AN ELECTRIC CIRCUIT.

Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventors :

- (1) JOSEPH CHARLES ZUERCHER,
- (2) CHARLES JOSEPH TENNIES.

Application No 659/Cal/1994 filed on 16th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

8 Claims

Apparatus (64) for detecting arcs in an electric circuit (20) supplying AC line current to a load (30) from an AC source (26) of given fundamental frequency providing repetitive cycles, said apparatus comprising :

sensing means (170, 182) sensing said AC line current to generate a sensed AC current signal;

means (72) generating from said sensed AC current signal a filtered signal having the given fundamental frequency and harmonics thereof removed;

means (94) generating from said filtered signal a cumulative signal derived from and maintaining phase and magnitude information from said filtered signal over a selected numbers of cycles of said AC current; and

condition checker means (116) responsive to selected conditions of said cumulative signal representative of an arc for generating an output signal.

(Compl. Specn. : 31 Pages;

Drgns. : 7 Sheets)

Ind. Cl. : 76 BF

181610

Int. Cl. : B 65 D 63/00
F 16 L 33/00
F 16 F 15/00

EARLESS, STEPLESS CLAMP STRUCTURE FOR USE IN HOSE CONNECTION.

Applicant : HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, OF ORERDORFSTREASSE 21, CH-8812 HORGEN SWITZERLAND.

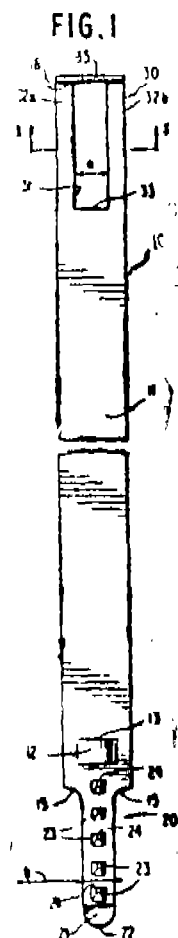
Inventor : HANS OETIKER.

Application No. 908/Cal/1994 filed on 1st November, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

13 Claims

An earless stepless clamp structure for use on hose connection comprising clamping band means (11) tool engaging means for tightening the clamp structure about a hose to be fastened thereby, and hook means for holding the clamping band means in its tightened condition without having any step or offset over the entire circumference of the band means (11) characterised by that the said hook means comprising a tongue like extension (20) at one end of the clamping band means having outwardly extending hooks (23) and a slot like opening (31) extending in the circumferential direction within the area of the opposite end portion (30) of the clamping band means, said slot like opening (31) having a width (a) at least equal to the width (b) of the tongue like extension, and said opposite end portion (30) being bent up at the end forming a bent up end section (35) which comprises a small part (34) of the slot like opening (31), and the depth 'd' of the said small part (34) accommodating the thickness of the clamping band means (11) so that the radially extending surface (36) of said bent up end section (35) is adapted to engage with the corresponding hook (23) preventing the tongue like extension (20) extending outside of the band means (11) and also being provided with compensating arrangement for temperature and pressure fluctuations.



(Compl. Specn. : 14 Pages;

Drgns. : 2 Sheets)

Ind. Cl. : 107 K Gr. [XLVI (2)]

181611

Int. Cl. : F 01L 7/12, 7/06.

A TWO STROKE IC ENGINE.

Applicants : BAJAJ AUTO LIMITED, AN INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956, OF AKURDI, PUNE-411 035, MAHARASHTRA, INDIA.

Inventor : GAURI PRAKASH AGARWAL.

Application No. 16/Bom/1994, filed on 17-01-94 complete after Provisional left on 16-02-95

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

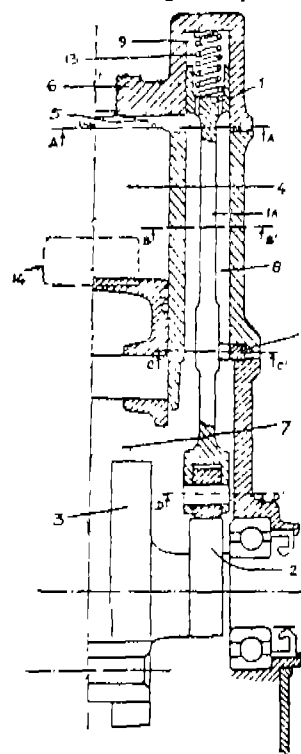
8 Claims

A two stroke IC engine comprising :

a cylinder block (4) and a cylinder head (6) defining a combustion chamber, a crank case housing a crankshaft (3) operatively connected to a reciprocating piston provided in said combustion chamber, a carburetor and a spark plug; an exhaust port (14) provided on the peripheral wall of said cylinder block (4) defining said combustion chamber for discharge of exhaust gases from said combustion chamber;

a fresh charge intake port (5) provided in the cylinder head (6) which is in communication with said combustion chamber through said crank case;

a valve means (1) provided to control the opening and closing of said intake port responsive to the reciprocating piston position in said combustion chamber through said crankshaft characterised in that said fresh charge intake port (5) in the cylinder head (6) of the cylinder (4) controlled by the valve (1) operated by a cam (2) built onto the crank shaft (3) through stem (1A) of the valve (1) passing through the passage (8) in the cylinder block (4) spring (13) placed in the machined bore (9) between the cylinder head (6) and valve (1) wherein the relative position of the crank pin on the crank shaft (3) operating the piston and the cams (2) fixed to the crank shaft (3) operating the valve means (1) are in such a manner that opening and closing of exhaust (14) and intake (5) are controlled precisely.



(Prov. Specn. : 8 Pages;

(Compl. Specn. : 10 Pages;

Drawings : 1 Sheet)

Drawings : 1 Sheet)

Ind. Cl. : 170B [Gr. XLIII (IV)]

181612

Int. Cl. : C 11 D-1/00, 3/00, 7/04, 10/00

A DETERGENT COMPOSITION AND A PROCESS FOR THE MANUFACTURE OF A SYNTHETIC DETERGENT BAR.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

- (1) JOHN GEORGE CHAMBERS,
- (2) BRYAN STUART JOY.

Application No. 97/Bom/94 filed on 15-03-94 UK Priority date 16-03-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

18 Claims**A detergent composition comprising :**

- (a) 10-60% of a synthetic non soap detergent,
- (b) 10-60% of water soluble material such as hereinbefore described which is neither soap nor a non-soap detergent and which has a melting point in the range 40°C to 100°C.
- (c) 5-50% of water insoluble material such as hereinbefore described which is neither soap nor a non-soap detergent and which has a melting point in the range 40°C to 100°C,
- (d) 0-20% wt of water, and
- (e) 0-20% wt of material such as hereinbefore described which is other than synthetic non-soap detergent and which does not melt below 100°C

(Compl. Specn. : 26 Pages;

Drawings : Nil)

Ind. Cl. : 189 Gr [LXVI (9)]

181613

Int. Cl. : A 61K-7/00, 7/40, 7/48, 31/00

A PROCESS OF PREPARING A COMPOSITION SUITABLE FOR TOPICAL APPLICATION TO HUMAN SKIN.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION BOMBAY-400 020 MAHARASHTRA, INDIA.

Inventors :

- (1) SIMIN MARK JACKSON,
- (2) ANTHONY VINCENT RAWLINGS,
- (3) IAN RICHARD SCOTT.

Application No. 165/Bom/94 dated 18-04-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

9 Claims

A process of preparing a composition suitable for topical application to human skin comprising adding 0.0001 to 10% by weight of one or more ceramide pathway intermediates or precursors thereof selected from the group consisting of N-acyl or O-acyl derivatives of sphinganine, sphingosine or phytosphingosine or mixtures thereof to a balancing amount of a cosmetically acceptable vehicle such as herein described and mixing the composition.

(Compl. Specn. : 45 Pages;

Drawings : 3 Sheets)

2-167 GI/98

Ind. Cl. : 148 H, N

181614

Int. Cl. : G 03 B - 41/00
G 11 B - 7/00**AN APPARATUS FOR CATALOGUING FACIAL IMAGES ON VIDEO TAPE.**

Applicants : CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING, PUNE UNIVERSITY CAMPUS, GANESHKHIND ROAD, PUNE-411007, MAHARASHTRA, INDIA.

Inventors :

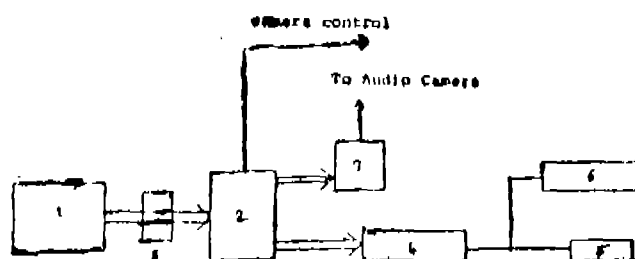
- (1) MOHAN TAMBE,
- (2) SHASHANK PUJARI,
- (3) CHANDRASHEKAR RAJE,
- (4) UMESH KASTURE.

Application No. 179/Bom/1994 filed April 26, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

3 Claims

An apparatus for cataloguing of facial images on a videotape comprises, a camcorder or equivalent video-camera along with a video cassette recorder on auto-focus and auto-iris; a T.V. monitor interfaced with the said camcorder, for adjustment of a person himself in a natural manner; an ID generator, consisting a hand-held numeric key pad to allow keying in of the ID number of the person to be photographed, a display controller, a key decoder between a numeric key pad and a micro controller, LED drivers coupled with LED and LED display, said micro controller coupled with a tone generator, interfaced to the said camcorder or equivalent video-camera with a video-cassette recorder and the T.V. monitor, a ramp or the like, kept on the floor with its raised part directed towards the T.V. monitor, and on either sides mounted light means for evenly lighting the face; and a white screen provided behind the said ramp as background for the face.



(Compl. Specn. : 8 Pages;

Drawing : 1 Sheet)

Ind. Cl. : 40H [IV(1)]

181615

Int. Cl. : B 01 D, 53/00.

PROCESS FOR REMOVING, SEPARATING AND CONCENTRATING LEAD, THALLIUM, ALKALI METALS AND ALKALINE EARTH METALS FROM CONCENTRATED MATRICES USING OXYGEN DONOR MYCROCYCLIC LIGANDS BONDED TO INORGANIC SUPPORTS.

Applicants : BC ADVANCED TECHNOLOGIES INC; 505 EAST 1860, SOUTH PROVO, UTAH 84606, U.S.A.

Inventors :

1. KRZYSZTOF EDWARD
2. BRAYON J TARBET
3. DEBORAH FINCH JOHNSON
4. RONALD LYNN BRYENING.

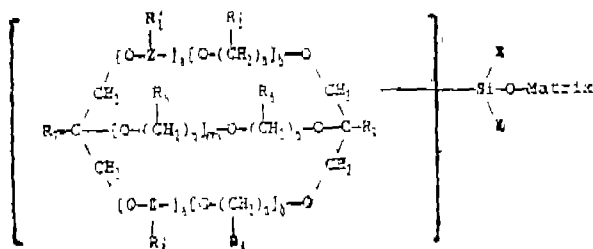
Application No. 203/Bom/1994 Filed May 9, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

20 Claims

1. A process for the separation of desired metals selected from the group consisting of alkali metal, alkaline earth metal, Pb and Tl present as cations from the source solution which comprises;

(a) bringing said source solution having a first volume into contact with a novel compound comprising an oxygen donor macrocyclic ligand covalently bonded to a solid inorganic support matrix represented by the formula :



wherein;

R_3' , R_4' , R_5' and R_6' is H or a spacer formed from the reaction of a member selected from the group consisting of allyloxymethyl, alkylthio, alkylamino, carboxy, carboxyalkyl and epoxyalkyl with an $-Si(X)(X)$ moiety used for attachment to $-O$ -Matrix,

R_1 is a member selected from the group consisting of H, or alkyl,

Z is a member selected from the group consisting of *o*-phenylene and *o*-naphthylene,

R_1' and R_2' is H or a spacer formed from the reaction of a member selected from the group consisting of allyl, alkenyl, carboxy, carboxyalkyl, allyloxy, aminoalkyl, hydroxy, thio and alkylthio with an $-Si(X)(X)$ moiety used for attachment to $-O$ -Matrix,

n is an integer of from 2 to 4,

a is an integer of 0 or 1,

b is an integer of 0 to 3 with the proviso that b must be at least 1 when a is 0,

and m is an integer of 0 to 5,

Matrix is a solid support material selected from the group consisting of sand, silica gel, glass, glass fibres, alumina, nickel oxide, zirconia, titania, and equivalent substances,

X is a member selected from the group consisting of Cl, Br, I, Alkyl, alkoxy, substituted alkyl, substituted alkoxy and O -matrix.

with the further proviso that one but not more than two of the R_1' through R_6' groups must be a spacer reacted with an $-Si(X)(X)$ moiety used for attachment to $-O$ -Matrix and remaining R_1' through R_6' groups are H; said ligand portion of said compound having an affinity for said alkali metal, alkaline earth metal, Pb and/or Tl cations to form a complex between the alkali metal, alkaline earth metal, Pb and/or Tl cations and said oxygen donor macrocyclic containing ligand portion of the said compound;

(b) removing source solution from contact with said compound to which said desired metal cations have been complexed; and

(c) contacting said compound having said desired metal cations complexed thereto with a smaller volume of an aqueous receiving solution in which said desired metal cations are either soluble or which has greater affinity for such desired metal cations than does the oxygen donor macrocyclic ligand thereby quantitatively stripping such cations from the ligand and recovering said desired metal cations in concentrated form in said receiving solution

(Compl. Specn : 29 Pages;

Drawg. : Nil.)

Ind. Cl. : 5D Gr. [I (1)]

181616

Int. Cl. : A01 G-25/02, 25/16

B05 B-1/00, 1/02, 1/12, 1/14,
1/28, 1/30,

FLUID DISTRIBUTING SYSTEM FOR IRRIGATION AND THE LIKE.

Applicant & Inventor : GIDEON RUTTENBERG A US CITIZEN OF 81 465 DATE PALM AVENUE INDIO, CALIFORNIA-92201 U.S.A.

Application No. 245/Bom/94 filed on 30-5-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

14 Claims

Fluid distributing system for irrigation and the like, comprises of :

- (i) a pressurized source of fluid;
- (ii) an elastic drip tube having a double conduit in which one conduit serves as a main conduit and another conduit as distributing conduit; said two conduits being connected to each other by a common wall and pierced at relatively wide intervals; but said distributing conduit being pierced at relatively close intervals;
- (iii) A fluid inlet fitting connected between said fluid source & elastic drip tube;
- (iv) the other end of said tube being closed.

Fig 3a

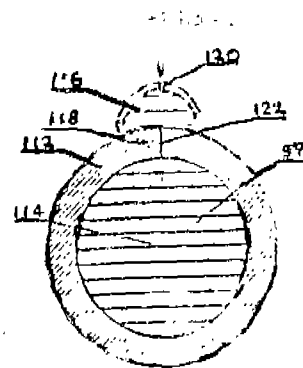
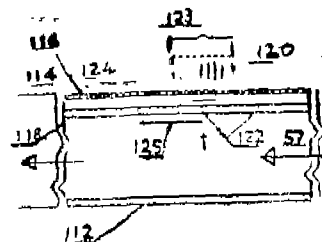


Fig 3b



(Compl. Specn. 31 pages;

Drags. 6 sheets.)

Ind. Cl. : 104 D [XII (D)]

181617

Int. Cl. : C 08 J-11/0.

PROCESS FOR CONTINUOUS RECLAIMING OF SCRAP RUBBER.

Applicants : GUJARAT RECLAIM & RUBBER PRODUCTS LTD., AN INDIAN COMPANY HAVING ITS OFFICE AT 202, L. B. SHASTRI MARG, GHATKOPAR WEST, BOMBAY-400 086, MAHARASHTRA, INDIA.

Inventors :

1. WAMAN GHANSHYAM DESAI.
2. PRADIP WAMAN DESAI.

Application No. 246/Bom/94 filed on 30-5-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

Continuous process for reclaiming scrap rubber comprising the steps of :

- (i) pulverizing the waste rubber tyres to pass through variable 2 to 200 mesh size,
- (ii) admixing in preset quantities known chemicals, fillers, rubber reclaiming oils to the waste rubber reclaiming oils to the waste rubber powder of step (i) through known metering devices,
- (iii) continuously feeding of preset quantity of said admixed powdered mass of step (ii) through a metering device and a conveyor into a continuously heated jacketted exchanger having screw type conveyor and circulating the powdered mass there-through from one end to the other for imparting required heat at temperature varying from 100—400 deg. C. to the loaded powdered admixture continuously rotated, and circulated from its inlet end of said heat exchanger to its outlet and complete desired chemical reaction with the reclaimed powdered rubber mass within said heat exchanger,
- (iv) directly feeding the heated mass of step (iii) into a second continuously cooled jacketted heat exchanger for slowly cooling the hot rubber mass down to ambient temperature during its rotation and circulation there-through from its inlet and to outlet end, and cooled powdered mass is continuously discharged via its outlet for being strained, refined and packed in known manner.

(Compl. Specn. 6 pages;

Drng. Nil,)

plate and further in that each of said cartridge being adapted to get shielded by a slidably mountable pilfer evident plastic moulded cover.

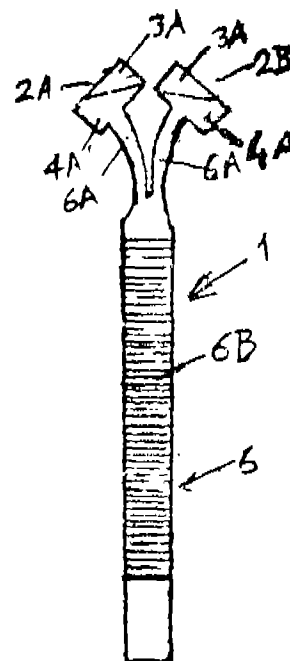


FIG-2

(Compl. Specn 11 pages;

Drng. 1 sheet)

Ind. Cl. : 51D [LXVI(2)]

181618

Int. Cl. : B 26 B-21/14.

DISPOSABLE TWIN TRACK SAFETY RAZOR.

Applicant & Inventor : DILIP SHANTARAM DAHANUKAR, AN INDIAN NATIONAL, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. 250/Bom/94 filed on 1-6-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

3 Claims

Disposable twin track safety razor comprising parallel sided double edged staggered blade cartridges in opposed relationship with each other and yield ably attached to a plastic moulded handle having a pair of integrally attached extension arms extending outwardly from one end of said handle in opposed relationship with each other said each arm pair having a thin single or double edged staggered blade cartridges in opposed parallel relationship with each other, each cartridge being formed from a thin shaving blade section having single cutting edge sandwiched and precision moulded between a base bar forming a safety guard and a pressure bar for giving rigidity to said cutting edge such that said two moulded cartridges on said handle substantially resemble T-in shape and wherein a high precision geometry tolerance gap of 1/1000 to 4/1000 of an inch being maintained between respective safety guard plate and pressure

Ind. Cl. : 49 H Gr. [XV(1)]

181619

Int. Cl. : A 47 J-27/08.

A VENT WEIGHT FOR A PRESSURE COOKER AND A METHOD OF MANUFACTURING THE SAME.

Applicants : HAWKINS COOKERS LIMITED, AN INDIAN COMPANY OF MAKER TOWER F. 101, CUFFE PARADE, P.O. BOX No. 16083, MUMBAI-400 005, MAHARASHTRA, INDIA.

Inventor : NARANAMMALAPURAM SANKARAN SUBRAMANIAN.

Patent Application No. 256/Bom/94 filed on 6-6-94.

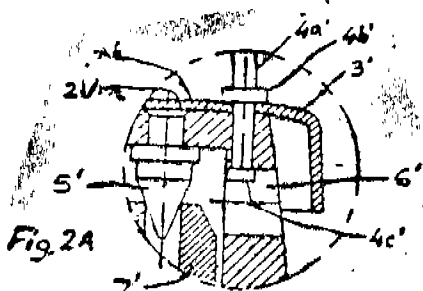
Complete after Provisional Specification filed on 15-05-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

An improved vent weight for a pressure cooker comprising a weight body, a cowl and a hook, characterized in that said cowl being rivetted on to the top of said weight body by legs of the hook, the lower end of the legs of said hook

being extended into a steam vent hole and said extended portion being rivetted to the upper surface of said steam vent hole, said steam vent hole being adapted for facilitating the passage of the legs of the said hook.



(Prov. Specn. 6 pages;
(Compl. Specn. 9 pages;

Drgn. Nil.)
Drng. 1 sheet.)

Ind. Cl. : 172 C Gr. [XX]
Int. Cl. : D 01 B-1/22.

181620

APPARATUS FOR STRETCH BREAKING OF JUTE AND LIKE FIBRES.

Applicants : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, A SOCIETY REGISTERED UNDER THE SOCIETIES ACT, XXI OF 1860 OF P.O. POLYTECHNIC, AHMEDABAD 380 015, GUJARAT, INDIA.

Inventors :

1. ARVIND KUMAR AGRAWAL.
2. ARUN KUMAR SENGUPTA.

Patent Application No. 261/Bom/94 with Provisional Specification filed on 7-6-94.

Complete after Provisional Specification filed on 07-09-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

9 Claims

An apparatus for stretch breaking of jute and like fibres, comprising at least two sets of engaging roller pairs, said sets of rollers being adjustably disposed one in front of the other, the pair of rollers of each set being rotatable at differential speed in relation to each other, each of the sets of roller pairs being provided with means for varying the pressure on the fibres fed through the pairs of rollers, characterised in that a stationary or rotating stretch breaking plate/wedge is located in between each adjacent pairs of rollers, said stretch breaking plate/wedge being movable linearly relative to the distance between the said two pairs of rollers, and vertically in relation to the level of the nips of the said adjacent pairs of rollers, whereby the breaking length of the fibres is capable of being adjusted according to requirement.

(Prov. Specn. 5 pages;
(Compl. Specn. 7 pages;

Drgs. 1 sheet.)
Drgs. 2 sheets.)

Ind. Cl. : 50 D, F.

Int. Cl.⁴ : B 65 D 1/12; F 25 D 9/00

181621

SELF-COOLING CONTAINERS FOR FLUIDS.

Applicant : ENVIROCHILL INTERNATIONAL LTD., A BARBADOS CORPORATION OF CHANCERY HOUSE, HIGH STREET BRIDGETOWN, BARBADOS, WEST INDIES.

Inventors :

1. GARY REID AITCHISON, CANADA.
2. MICHAEL WARNETT HETHERINGTON, UNITED KINGDOM.

Application No. 54/Mas/93 filed on 28th January 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A self-cooling container for fluids, comprising :

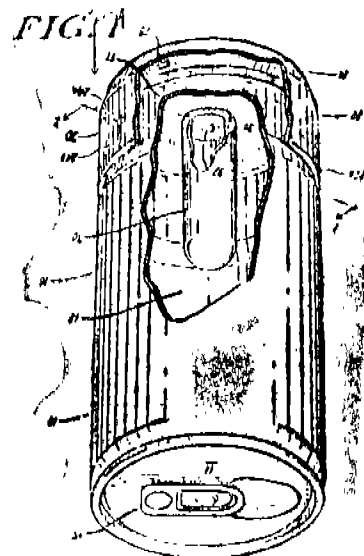
A. a first chamber having walls defining a fluid region interior thereto,

B. a second chamber having walls defining a refrigerant region interior thereto, said refrigerant region extending at least partially into said fluid region and being thermally coupled to said fluid region and said refrigerant region being not in fluid contact with said fluid region,

C. refrigerant dispersal assembly having :

i. means for forming a third chamber with walls defining a dispersal region interior thereto, said dispersal region having a portion adjacent to said refrigerant region and separated therefrom by a coupling portion of said walls of said refrigerant region, said third chamber being vented to regions exterior to said container, and

ii. cooling activation means for selectively forming a fluidic path from said refrigerant region to said dispersal region through said coupling portion of said walls.



(Compl. Specn. 17 pages;

Drwgs. 4 sheets.)

Ind. Cl. : 129 G.

181622

Int. Cl.⁴ : B 23 B 27/4.

TOOL WITH WEAR RESISTANT CUTTING EDGE MADE OF CUBIC BORON NITRIDE OR POLY CRYSTALLINE CUBIC BORON NITRIDE AND PROCESS FOR ITS MANUFACTURE.

Applicant : KRUPP WIDIA GmbH, MUNCHENER STRASSE 90, D 4300 ESSEN 1, WEST GERMANY, AN ORGANISATION DULY CONSTITUTED AND EXISTING UNDER THE LAWS OF WEST GERMANY.

Inventors :

1. DR. KONIG.
2. TABERSKY.

Application No. 64/Mas/93 filed on 1st February 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

Tool with wear-resistant cutting edge made of cubic boron nitride (CBN) or poly-crystalline cubic boron nitride (PCBN), whereby atleast the surface of the tool partly or wholly consists of CBN or PCBN, characterised by the fact that the CBN or PCBN surface is covered with a thin layer comprising one or more oxides of metals selected from magnesium, yttrium, titanium, zirconium, aluminium.

(Compl. Specn. 14 pages.)

Int. Cl.⁴ : 32 B.

181623

Int. Cl. : C 07 C 5/32.

A CONTINUOUS PROCESS FOR THE DEHYDROGENATION OF PARAFFINIC HYDROCARBONS.

Applicant : INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE OF 4, AVENUE DE BOIS PREAU, 92502 RUEIL MALMAISON, FRANCE.

Inventors :

1. NOITIAUX.
2. DEBONNEVILLE.
3. BURZYNSKI.
4. LEGER.
5. LE PELTIER.
6. MARTINO.

Application No. 191/Mas/1993 filed on 17th March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A continuous process for the dehydrogenation of paraffinic hydrocarbons having at least two carbon atoms per molecule in the presence of a catalyst to form olefinic hydrocarbons, said process comprising; introducing a charge containing said paraffinic hydrocarbons successively through a first and at least one other moving bed reaction zone arranged in series; continuously or intermittently circulating the catalyst successively through each of the reaction zones from one end of a reaction zone to its opposite end; withdrawing the catalyst from the opposite end of each reaction zone, except for the last reaction zone, and conveying the withdrawn catalyst with a gas to one end of the next reaction zone; withdrawing catalyst from the last reaction zone through which the charge passes and passing the withdrawn catalyst to a regeneration zone having an outlet; and withdrawing regenerated catalyst from said outlet and reintroducing the regenerated catalyst continuously or intermittently to the first reaction zone, said process further comprising; injecting at least one element selected from the group consisting of sulphur and compounds of sulphur into the first reaction zone before or simultaneously with the introduction of the charge; continuously or intermittently passing said catalyst withdrawn from said last reaction zone into a stripping zone; and stripping the sulphur therefrom with a gas or gas mixture before said catalyst withdrawing from the stripping zone is passed continuously or intermittently into the regeneration zone.

(Compl. Specn. 25 pages;

Drwg. 1 sheet.)

Ind. Cl. : 23H, 99E.

181624

Int. Cl.⁴ : B 65 D 6/0.

A REUSABLE PLASTIC CASE.

Applicant : JENG-LUNG LU A REPUBLIC OF CHINA NATIONAL OF 76, MIN TZU ROAD, CHIA YI CITY, TAIWAN, REPUBLIC OF CHINA.

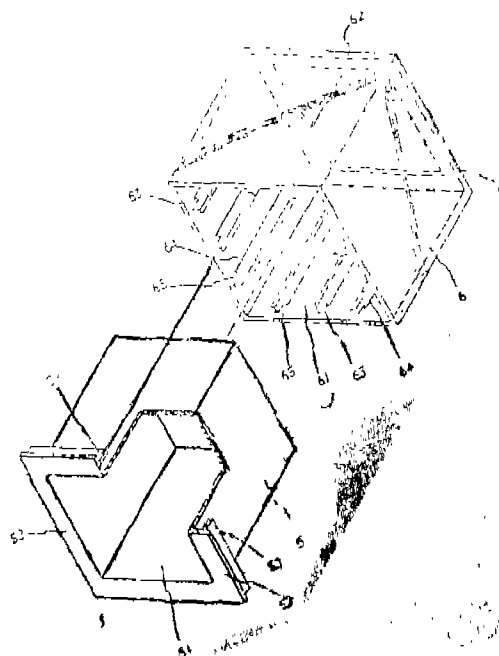
Inventor : JENG-LUNG LU.

Application No. 240/Mas/93 filed on 2nd April 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A reusable plastic case, comprising : an inner case (5) produced by way of injection molding in a hollow form, having an opening (51) at the front side thereof with a peripheral flange (52) disposed around the rim of said opening and a projected peripheral snap member (53) disposed in parallel with each side wall of said case being perpendicular to said peripheral flange; an outer case (6) produced by way of injection molding in a hollow form having an opening (61) at the front side and a square through hole (62) at the rear side thereof with a peripheral flange (63) disposed therearound so that the rear side of said inner case can be fixed right in said square through hole (62) with the rear side of said inner case lying flush with the rear side of said outer case; each inner wall of said outer case being provided with a plurality of axially disposed projection ribs (64) each of which is provided with a snap recess (65) at the front end thereof adjacent to said opening; whereby said inner case and said outer case can be assembled together by intertion of the former into the latter with said peripheral snap member in snap engagement with said snap recesses of said projection ribs.



(Compl. Specn. 11 pages;

Drwgs. 4 sheets.)

Ind. Cl. : 39 M.

181625

Int. Cl.⁴ : C 01 B 25/00.

A PROCESS FOR THE PREPARATION OF HYDROXYAPATITE POWDERS FOR APPLICATIONS SUCH AS IN BIOCERAMICS.

Applicant : SURUP CITRA THIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY BIOMEDICAL TECHNOLOGY WING, SATHEMOND PALACE, THIRUVANANTHAPURAM-695 012, INDIA, AN INDIAN INSTITUTE.

Inventors :

1. HARIKRISHNA VARMA PARIMANATHU KOVILAKOM RAMA VARMA, INDIA.
2. RAJAGOPALAN SIVAKUMAR, INDIA.

Application and Provisional Specification No. 111/Mas/94 dated November 15, 1994.

Complete Specification left : February 12, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A process for the preparation of hydroxyapatite powders for applications such as in bioceramics comprising in the steps of :

- dissolving a calcium salt such as $\text{Ca}(\text{NO}_3)_2$ in a solvent followed by the addition of ammonia to form a first solution;
- dissolving a phosphate salt such as $\text{NH}_4 \text{H}_2 \text{PO}_4$ in a solvent and adding ammonia to form a second solution;
- forming a gelatinous precipitate by adding said first solution at a temperature of $80-100^\circ\text{C}$ to said second solution;
- subjecting said gelatinous precipitate to the step of stirring for about 24 hrs;
- filtering and washing said gelatinous precipitate;
- subjecting said filtered and washed gelatinous precipitate to the step of freeze drying to obtain the hydroxyapatite powders.

(Prov 3 .pages; Cont. 9 pages; Drwg. 1 sheet.)

Ind. C. : 55 D^o

181626

Int. Cl.⁴ : A 01 N 37/00.

A METHOD OF MAKING A DRY, FLOWABLE POWDER OF AGRONOMICALLY ACCEPTABLE SALTS OF ACIFLUORFEN USING A DOUBLE DRUM DRIVER.

Applicant : BASF CORPORATION, OF 3000 CONTINENTAL DRIVE NORTH MOUNT OLIVE, NJ 07828-1234 U.S.A.

Inventors :

- (1) RUDOLPH E LISA (U.S.A.),
- (2) TERENCE K. KILBRIDE (U.S.A.).

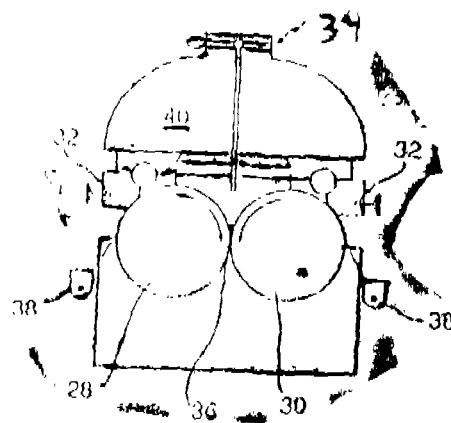
Application No. : 193/Mas/95 filed on 17th February, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

01 Claims

A method of making a dry, flowable powder of agronomically acceptable salts of acifluorfen using a double drum dryer comprising two rotating drums with interior pressurising means and scraping means and a nip between the two rotating drums, comprising :

- dissolving a citrate sequestrant such as herein described in an aqueous solution comprising acifluorfen at an elevated temperature;
- charging the sequestrant/acifluorfen feed solution into said double drum dryer at a continuous rate;
- rotating each drum of said double drum dryer toward the other thereby depositing a portion of the aqueous sequestrant/acifluorfen feed solution on the interior drum surface, thereby forming a solid film of acifluorfen;
- removing said solid film by scraping means.



(Comp. Specn. : 15 pages ;

Drwg. : 03 Sheets)

Ind. Cl. : 145-C

181627

Int. Cl.⁴ : D 21 F 11/12.

A METHOD OF MAKING CORRUGATED BOARD.

Applicant : CPC INTERNATIONAL INC., A DELAWARE CORPORATION, U.S.A. OF P.O. BOX 8000, INTERNATIONAL PLAZA, ENGLEWOOD CLIFFS, NEW JERSEY 07632, U.S.A.

Inventors :

- (1) LARRY E. FITT, U.S.A.
- (2) JAMES J. PIENKOWSKI, U.S.A.
- (3) JACK R. WALLACE, U.S.A.

Application No. : 456/Mas/95 dated April 17, 1995.

Divisional to Patent Application No. 579/Mas/91 Antedated to July 31, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A method of making a corrugated board comprising joining a corrugated medium to at least one liner, such as herein described, using a corrugating adhesive composition which in an aqueous emulsion comprises water; 0.04 to 3 parts per 100 parts of the adhesive composition of a cold water soluble polyvinyl alcohol which has been hydrolyzed in situ to a degree of hydrolysis of more than 95%; 2 to 10 parts per 100 parts of the adhesive composition of a component selected from the group consisting of starch, modified starch and dextrin; sufficient coastic to provide an alkaline pH; 10 to 30 parts of starch per 100 parts of the adhesive composition; and 0.3 to one part of a boron containing compound per 100 parts of the adhesive composition.

(Com. : 34 pages)

Ind. Cl. : 32 F 2 b

181628

Int. Cl.⁴ : C 07 D 277/02.

A PROCESS FOR THE QUANTITATIVE SYNTHESIS OF 3-L-PYROGLUTAMYL L-THIAZOLIDINE-4-CARBOXYLIC ACID AND DERIVATIVES THEREOF.

Applicant : POLI INDUSTRIA CHIMICA S.p.A PIAZZA AGRIPIA, 1 MILANO, ITALY.

Inventors :

1. STEFANO POLI
2. AMEROGIO MAGNI
3. GIANETTORS BOCCHIOLFI

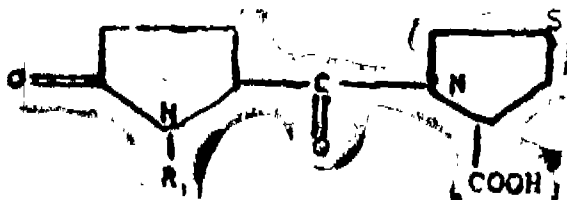
All of Italian Nationality

Appucation No. 1290/Mas/95 filed on 26th Sept 1995.

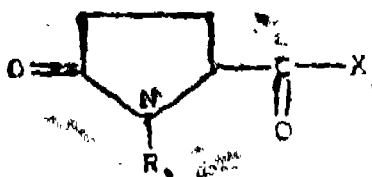
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patents Office, Chennai Branch.

10 Claims

A process for the preparation of 3-[L-pyrroglutamyl]-L-thiazolidine-4-carboxylic acid derivatives of formula (III) in near quantitative yield.



wherein R_1 is H, C_1 - C_8 alkyl, C_3 - C_4 cycloalkyl, C_1 - C_{10} cycloalkylalkyl, aryl and substituted aryl, C_2 - C_3 alkoxy-carbonyl C_2 - C_{10} alkylcarbonyl, arylcarbonyl and aralkylcarbonyl C_4 - C_{13} aralkoxy-carbonyl, substituted aralkoxy-carbonyl, comprising reacting in a known manner a compound of formula (I)



wherein R_1 as defined above and X is OH, Cl or OR_2 wherein R_2 is known activating group, with a compound of formula



wherein R_2 is H, C_6 - C_8 trialkylsilyl, in apolar aprotic solvents; and hydrolysing the resulting ethyl ester in basic medium in the presence of known phase transfer catalysts to obtain the said compound of formula (III).

Com. 12 Pages;

No Drawgs.

Ind. Cl. : 83 A1

181629

Int. Cl. : A 23 G 1/00.

A METHOD OF PRODUCING A CHOCOLATE COMPOSITION.

Applicant : CADBURY SCHWEPPE'S PLC, A BRITISH COMPANY, 25 BERKELEY SQUARE, LONDON, W1X 6HT, ENGLAND.

Inventors :

(1) ALBERT ZUMBE,

(2) NIGEL SANDERS (BOTH ARE BRITISH NATIONALS).

Application No. : 1620/Mas/95 filed on 8th December, 1995.

Convention dated 9th December, 94 No. 9424815.6 Great Britain.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

A method of producing a chocolate composition, comprising steps of :

- (i) forming a chocolate composition which has a higher fat content than desired in the chocolate composition to be produced.
- (ii) subjecting said higher fat composition to conching, intimate mixing or kneading so as to effect flavour development, and
- (iii) mixing the resultant flavour-developed higher fat chocolate fat composition with at least one chocolate-making ingredient having a fat content which is appropriately below the desired fat content of the chocolate composition to be produced so as to result in a final chocolate composition having the desired fat content.

(Comp. Specs : 23 pages;

Drwg. : Nil)

Ind. Cl. : 32 F 2 (a)

181630

Int. Cl. : C 07 B—57/00.

PROCESS FOR RACEMIZATION OF OPTICALLY ACTIVE 1-PHENYLETHYLAMINE DERIVATIVE.

Applicant : SUMITOMO CHEMICAL COMPANY LTD., 5-33, KITACHAMA 4-CHOME, CHUO-KU, OSAKA 541, JAPAN, A JAPANESE COMPANY.

Inventors :

- (1) SHINICHIRO NAGATA, JAPAN,
- (2) YOSHIMI YAMADA, JAPAN,
- (3) KOJI HAGIYA, JAPAN,
- (4) HIDEYUKI GOTO, JAPAN.

Application No. : 2192/Mas/96 filed on 5th December, 1996.

(Convention date : 7th December, 1995; No. 7-318851; Japan).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

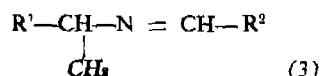
A process for racemization of an optically active 1-phenylethylamine derivative represented by the formula (1) :



wherein R^1 represents a phenyl group substituted at least at the orthoposition, which comprises reacting the optically active 1-phenylethylamine derivative (1) with an aldehyde compound represented by the formula (2) :



wherein R^2 represents an optionally substituted alkyl group or an optionally substituted phenyl group to form an optically active imine represented by the formula (3) :



wherein R^1 and R^2 are as defined above, reacting the imine with an alkaline metal tert-alkoxide in an aprotic polar solvent or a mixture of the aprotic polar solvent and an aprotic nonpolar solvent, and then hydrolyzing by known means the resultant racemic imine to yield a racemic 1-phenylethylamine derivative of formula I.

(Com. : 24 pages;

Drwg. : — Shows)

AMENDMENT PROCEEDINGS UNDER SECTION—57

The amendment proposed by Samsung Electron Devices Co., Ltd., a Korean Corporation of 575, Shin-Ri, Taejeon-Eub, Hwaseong-Gun, Kyunggi-do, Republic of Korea in respect of application for Patent No. 174669 as advertised in Part-III Section 2 of the Gazette of India on 21st October, 1995 and no opposition being filed within the stipulated period the said amendments have been allowed.

CESSATION OF PATENTS

165173	165174	165283	165291	165362	165371	165392
165410	165429	165448	165449	165564	165573	165597
165626	165635	164636	165698	165729	165731	165734

RENEWAL FEES PAID

174642	176454	175178	175179	175563	175564	169884
164976	171370	174225	162086	167977	172327	166512
163845	176265	162355	165957	164226	176547	176846
176853	178159	178179	178184	178185	178188	178321
178330	160279	160756	160830	162452	164973	165254
165436	167682	167859	168341	170433	174779	174922
174939	175030	175725	176097	176142	176146	176147
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174479	174229	174189	172498	162248	170108	169741
174551	173964	165292	174228	173082	177714	171796
178260	178442	178441	177707	167611	165992	166778
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178397	178398	178399	178467	178471	178472	177764
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178473	178183	178232	178233	178234	178235	178254
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167495	176688	176608	162453	164227	164439	168791
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178149	178150	178160	178176	178177	178178	178257
178258	178259	178322	178324	178327	178595	178463
162455	162458	163181	174481	174602	174866	177252
177916	177931	177935	177940	177962	177243	165129
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160294	160295	160296	160297	168874	174485	175701
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171892	178740	178566	178055	179111	170132	173395
161144	179113	179114	179115	179116	159969	167461
163033	165622	166307	169826	170246	170487	171323
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175477	174131	175758	176371	176938	177131	176937
177908	177971	178217	162177	175464	173176	173737
167466	167430	169424	171535	178733	177910	178852
179119						

PATENT SEALED ON 26-06-98

179328	179331	179332	179333*	179334	179335	179336*
179337	179338*	179339	179340	179341	179342	179343*
179344	179345	179346	179347	179349*	179350	179352*
179353*	179354	179355*	179356	179357	179358	179359
179360	179361	179362	179363	179364	179365	179366
179367	179368	179369*				

CAL - 18, DEL - NIL, MUM - 01, CHEN - 19.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 175713, Reco Industries, a sole proprietorship concern at 178, Chajjupur, Shahdara, Delhi-110 006, India, "Nine in one Grater", 9th February, 1998.

Class 1. No. 175479, Kewal Krishan Talwar, an Indian national, sole proprietor of M/s. Parkash Brassware Industries A 25, Naraina Industrial Area Phase II, New Delhi-110 028, India, "Concealed Stop Cock", 7th January, 1998.

Class 1. No. 175312, Velmor Home Decor Pvt. Ltd. of Dayasagar Industrial Estate, Godder Road, Bhayander-401 105, Maharashtra, India, Indian Company, "Bath Tub Filler", 17th December, 1997.

Class 1. No. 175313, Velmor Home Decor Pvt. Ltd. of Dayasagar Industrial Estate, Godder Road, Bhayander-401 105, Maharashtra, India, Indian Company, "Valve", 17th December 1997.

Class 1. No. 175372, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Casserole", 24th December, 1997.

Class 1. No. 175373, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Kettle" 24th December, 1997.

Class 1. No. 175374, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Mug", 24th December, 1997.

- Class 1 No. 175368, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Casserole", 24th December, 1997.
- Class 3. No. 175369, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Mug", 24th December, 1997.
- Class 3. No. 175370, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Mug", 24th December, 1997.
- Class 3. No. 175371, Eagle Flask Industries Limited, having its regd. office at Eagle Estate, Talegaon-410 507, Dist. Pune, Maharashtra, India, "Kettle", 24th December, 1997.
- Class 3. Nos. 175361 & 175362, Motorola, Inc., a corporation of the State of Delaware, U.S.A. of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "Pager", 23rd December, 1997.
- Class 1 Nos. 175552 & 175553, Classic Mouldplast Industries Ltd., 216 Old China Bazar Street, 1st Floor, Room No. 1, Calcutta-700 001 West Bengal, India, "Trolley", 20th January, 1998.
- Class 3. Nos. 175788 to 175791, Harish Aggrawal, an Indian National, sole proprietor Hindustan Industries, an Indian Company, E-45/2, Mansarovar Park, Shahdara, Delhi-110 032, India, "Table Mat", 18th February, 1998.
- Class 3. No. 174749, Chris Kantouros, an Australian citizen of 19 Pearce Street, Double Bay, New South Wales 2028, Australia, "Ball", 18th September, 1997.
- Class 4. Nos. 175303, 175305 & 175306, Iscar Ltd, an Israeli Company, P.O. Box 11, Migdil Tefen 24959 Israel, "A Cutting Head", 15th December, 1997.

H. D. THAKUR

Controller General of Patents Designs & Trade Marks

प्रकाशक, भारत सरकार प्रकाशन, करोड़बाद द्वारा मुद्रित
एवं प्रकाशन निरीक्षण, दिल्ली द्वारा प्रकाशित, 1998

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